



1FW

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

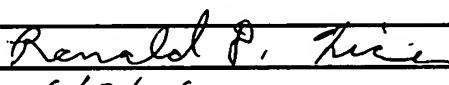
(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|-----------------|
| | | Application Number | 10/820,993 |
| | | Filing Date | April 9, 2004 |
| | | First Named Inventor | Steven M. Kelly |
| | | Art Unit | 1756 |
| | | Examiner Name | |
| Total Number of Pages in This Submission | 58 | Attorney Docket Number | ZLX-HUL-003 |

ENCLOSURES (Check all that apply)

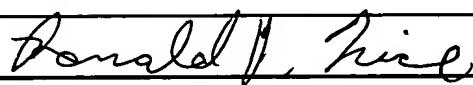
| | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Ronald D. Trice |
| Signature |  |
| Date | 6/3/05 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | |
|-----------------------|---|
| Typed or printed name | Ronald D. Trice |
| Signature |  |
| Date | 6/3/05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT APPLICATION
ATTORNEY DOCKET NO. ZLX-HUL-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kelly et al.

Appln. No.: 10/820,993

Group Art Unit: 1756

Confirmation No.: 9042

Examiner: Not Yet Assigned

Filed: April 9, 2004

For: **CROSSLINKABLE MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES
AND METHODS**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant(s) hereby notify the U.S. Patent and Trademark Office of the document(s) which is/are listed on the attached Form PTO-1449. One copy of the listed documents is submitted herewith.

X (1) This IDS does NOT require a fee or 37 C.F.R. § 1.97(e) statement because it is being filed (check all that apply):

— (a) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); **OR**

— (b) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; **OR**

X (c) Before the mailing of a first Office action on the merits; **OR**

— (d) Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

Information Disclosure Statement
U.S. Application No. 10/820,993
Attorney Docket No. **ZLX-HUL-003**

— (2) This information disclosure statement is filed before the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and (check only one):

- (a) Is accompanied by the fee set forth in § 1.17(p); **OR**
- (b) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; **OR**
- (c) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

— (3) This Information disclosure statement is filed on or before payment of the issue fee and is accompanied by the fee set forth in § 1.17(p); **AND** (check only one):

- (a) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; **OR**
- (b) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

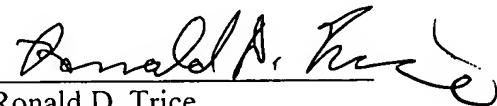
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant(s) does/do

Information Disclosure Statement
U.S. Application No. 10/820,993
Attorney Docket No. **ZLX-HUL-003**

not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

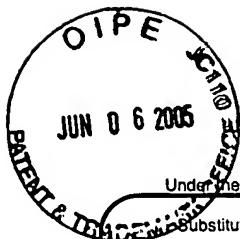
Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No.: 50-2644 (please reference **ZLX-HUL-003**).

Respectfully submitted,


Ronald D. Trice
Registration No. 40,435

Office of Ronald D. Trice
5960 Kingstown Center, Suite 120
PMB#124
Alexandria, VA 22315
Telephone: (703) 786-0984

Date: June 3, 2005



JUN 06 2005

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

Approved for use through 04/08/2006. GPO 2001-0001.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

She

Sheet 1 of 2

| Complete if Known | |
|--------------------------|---------------|
| Application Number | 10/820,993 |
| Filing Date | April 9, 2004 |
| First Named Inventor | Kelly |
| Art Unit | 1756 |
| Examiner Name | |
| Attorney Docket Number | ZLX-HUL-003 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | |
|-----------------------|--|--------------------|
| Examiner Signature | | Date Considered |
|-----------------------|--|--------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

| | |
|----------------------|------------|
| Application Number | 10/820,993 |
| Filing Date | 4-9-04 |
| First Named Inventor | Kelly |
| Art Unit | |
| Examiner Name | 1756 |

Attorney Docket Number

ZLX-HUL-003

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | | Contoret et al., "The Photopolymerization and Cross-Linking of Electroluminescent Liquid Crystals Containing Methacrylate and Diene Photopolymerizable End Groups for Multilayer Organic Light Emitting Diodes", Chem. Mater. 2002, 14, 1477-1487. | |
| | | Contoret et al., "Polarized Electroluminescence from an Anisotropic Nematic Network on a Non-contact Photoalignment Layer," Advanced Materials, 2000, 12, No. 13, pages 971-974. | |
| | | Inaoka et al., "Patterning and Electrochemical Deposition of Conjugated and Conducting Polymers in Organic Light Emitting Diodes," Polymer Preprints, 2000, 41(1). XXXX. | |
| | | Cui et al., "Interfacial Microstructure Function in Organic Light-Emitting Diodes: Assembled Tetraaryldiamine and Copper Phthalocyanine Inter layers", Advanced Materials, 2002, 14(8), 565-569. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.